

INTERNATIONAL SEARCH REPORT

International application No.
PCT/FI 2005/000027

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F16B 1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H05K, F16B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5091997 A (ARTUR FOEHL), 3 March 1992 (03.03.1992), figures 5,8a, abstract --	1-11
A	DE 2726884 A1 (MERZ-MEYER AG), 12 January 1978 (12.01.1978), whole document --	1-11
A	EP 0407114 A1 (KURZ ARTHUR ADOLPH), 9 January 1991 (09.01.1991), whole document --	1-11
A	US 5618129 A (EDWIN L. SKARIVODA), 8 April 1997 (08.04.1997), whole document -- -----	1-11

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search	Date of mailing of the international search report
20 May 2005	23-05-2005
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Rune Bengtsson/MP Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT
Information on patent family members

01/04/2005

International application No.
PCT/FI 2005/000027

US	5091997	A	03/03/1992	AT	65166	T	15/08/1991
				AU	8274687	A	16/06/1988
				CN	1022086	B,C	15/09/1993
				CN	87107912	A	25/05/1988
				DE	3639261	A	19/05/1988
				DE	3771494	D	00/00/0000
				EP	0289569	A,B	09/11/1988
				JP	1501404	T	18/05/1989
				JP	2655532	B	24/09/1997
				WO	8803766	A	02/06/1988
				DE	8708787	U	24/09/1987
DE	2726884	A1	12/01/1978	AT	498276	A	15/09/1977
EP	0407114	A1	09/01/1991	US	4987517	A	22/01/1991
US	5618129	A	08/04/1997	EP	0759266	A	26/02/1997
				WO	9628960	A	19/09/1996

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Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. + 46 8 666 02 86	Authorized officer Rune Bengtsson/MP Telephone No. + 46 8 782 25 00

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